

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"4913056".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/30 16:25
S2	8	("3398682"   "4063511"   "4157684"   "4471699"   "4538520").PN. OR ("4913056"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/30 16:26
S3	8	("3398682"   "4063511"   "4157684"   "4471699"   "4538520").PN. OR ("4913056"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/06/30 16:35
S4	8	("3398682"   "4063511"   "4157684"   "4471699"   "4538520").PN. OR ("4913056"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 10:44
S5	5	("4538520"). URPN.	USPAT	ADJ	OFF	2009/07/01 10:44
S6	358	102/439.ccls.	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/07/01 10:46
S7	2	"102".clas. and mank.in.	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/07/01 10:47

S8	15	("3256816"   "3677179"   "3842741"   "4233902"   "4624187"   "4964341"   "4977834"   "5164538"   "5677505"   "6415718"   "6422149"   "6492632"   "6502516"   "6679178").PN. OR ("7331294"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 10:50
S9	13	("4043267"   "4471699"   "4587905"   "5086703"   "5415102"   "5479801"   "5479861"   "6067909"   "6105506"   "6186071").PN. OR ("6502516"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 10:50
S10	15	("3256816"   "3677179"   "3842741"   "4233902"   "4624187"   "4964341"   "4977834"   "5164538"   "5677505"   "6415718"   "6422149"   "6492632"   "6502516"   "6679178").PN. OR ("7331294"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 11:03
S11	2	"3058420".pn.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 11:12
S12	14	("3058420"). URPN.	USPAT	ADJ	OFF	2009/07/01 11:12

S13	33	("0013679"   "0034493"   "0040153"   "0043615"   "3058420"   "3394905"   "3613584"   "4301733"   "4471699"   "4587905"   "4610205"   "4700630").PN. OR ("4779535"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 11:12
S14	50	("0776921"   "1096272"   "2924174"   "3058423"   "3065696"   "3074344"   "3138102"   "3247795"   "3398682"   "3420178"   "3452677"   "3507220"   "3750579"   "3881421"   "4016817"   "4043267"   "4063511"   "4296893"   "4301733").PN. OR ("4587905"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 11:13
S15	25	("0375936"   "3137195"   "3200751"   "3452677"   "4016817"   "4109581").PN. OR ("4301733"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 11:14
S16	5	("43615").URPN.	USPAT	ADJ	OFF	2009/07/01 11:27
S17	5	("34493").URPN.	USPAT	ADJ	OFF	2009/07/01 11:30

S18	15	("0926431"   "2414863"   "3058420"   "3074344"   "3400661").PN. OR ("3713388"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 11:31
S19	131	102/524.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 11:42
S20	2	"4676163".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/07/01 13:48
S21	9	("0790401"   "1311678"   "1369476"   "2516234").PN. OR ("4676163"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 13:51
S22	9	("0790401"   "1311678"   "1369476"   "2516234").PN. OR ("4676163"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/07/01 14:17
S23	951	riess.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/17 09:10
S24	19	S23 and "102". clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/17 09:10
S25	28	S23 and projectile	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/17 09:11
S26	4	"4301733".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/17 09:18
S27	2	"6220237".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/17 18:09

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(shotgun and projectile and intercalation).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:42
L2	68	(shotgun and projectile).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:43
L3	3	(projectile and intercalation).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:43
L4	0	(projectile and intercalation and plunger).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:43
L5	0	(projectile and intercalation and free space).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:43
L6	0	(projectile and intercalation and spigot).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:43
L7	0	(projectile and intercalation and bevel).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:43
L8	0	(projectile and intercalation and wedging).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:44
L9	0	(projectile and intercalation and ring).clm.	USPAT; UPAD	ADJ	OFF	2010/01/16 10:44

1/16/2010 10:45:11 AM

H:\EAST\10575241.wsp